

ROUTING AND RECORD SHEET

SUBJECT: (Optional)

FROM: John D. Chandlee
Director, Foreign Broadcast
Information Service

EXTENSION

NO.

FBIS-0120/85

DATE

21 March 1985

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TO: (Officer designation, room number, and building)

DATE

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COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. Office of Legislative
Liaison
Room 7B24, Headquarters

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(ATTN:)

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Jack:

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Attached is a letter to Congressman Brown on the matter of FBIS publications containing S&T information. I suggest you forward this to Congressman Brown and tell him we would be happy to stop by if there is anything further we can do to be of assistance. I think this just about covers whatever he might want from FBIS. We can of course supply these publications on a regular basis if he wants any of them.



J. D. Chandlee
D/FBIS

Central Intelligence Agency

Washington, D.C. 20505

21 March 1985

The Honorable George E. Brown, Jr.
House of Representatives
Washington, D.C. 20515

Dear Congressman Brown:

I understand you have expressed an interest in activities of the Foreign Broadcast Information Service in regard to the collection of scientific and technical information. I am therefore enclosing for your information a list of publications of FBIS devoted to S&T materials. We can supply to you any of these publications you desire. Unfortunately a few of them are "official use only" because of copyright restrictions.

Let me know if I can be of any help.

Sincerely,



Director
Foreign Broadcast Information Service

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Enclosure

The Honorable George E. Brown, Jr.

DDS&T/FBIS/[] (21 Mar 85)

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Distribution:

- Orig - Addressee (w/enc)
- 1 - C/LRB (w/enc)
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FBIS PUBLICATIONS DEVOTED TO S&T MATERIAL

WORLDWIDE REPORT: EPIDEMIOLOGY

Outbreaks, prevention and control efforts, and other aspects of human, animal and plant disease, insect infestations; morbidity and mortality statistics; public health programs.

WORLDWIDE REPORT: NUCLEAR DEVELOPMENT AND PROLIFERATION

Nuclear policies of potential proliferator countries; nuclear research programs; production capability; construction and purchase of nuclear facilities; availability of nuclear-related materials; level of technology in high explosives and advanced munitions; government and non-government attitudes on nuclear-related topics; international agreements for nuclear cooperation; transfer of technology; personalities, organizations, equipment, and facilities.

WORLDWIDE REPORT: TELECOMMUNICATIONS POLICY, RESEARCH AND DEVELOPMENT

Worldwide telecommunications policy issues; political, economic, and selective technical developments in telecommunications and satellite communications; international conferences and organizations dealing with telecommunications issues; trade issues related to telecommunications competition; transborder data flow; and uses of the mass media.

JAPAN REPORT: SCIENCE AND TECHNOLOGY

Developments in Japanese science and technology. Includes reports on planning, new initiatives, and resource allocations, and information in the categories of aerospace science, biotechnology, chemical engineering, computers, defense industry, electronics, industrial technology, marine technology, metallurgical industry, new materials, nuclear development, robotics, technology transfer, telecommunications, and transportation.

CHINA REPORT: SCIENCE AND TECHNOLOGY

All scientific disciplines except agricultural sciences. Includes national science policy, programs, and organization; mathematics, physics, chemistry, and the earth sciences; applied sciences, engineering, industrial technology, metallurgy, automation, electronics, computer science, cybernetics; biomedical sciences, military and space medicine, public health, demography, genetic engineering, biochemistry, and biophysics.

EAST EUROPE REPORT: SCIENCE AND TECHNOLOGY

Development of and progress in the various theoretical and applied scientific disciplines and technical fields; and the administration, structure, personnel, and research plans of leading East European scientific organizations and institutions, particularly the several academies of science. Articles on computers, robotics, electronics, precision equipment, research and development.

WEST EUROPE REPORT: SCIENCE AND TECHNOLOGY

National-level science policies, technology strategies, and research and development programs in West European science and technology in general and specifically in civil technology, with particular attention to advanced materials, aerospace, automobile industry, biotechnology, civil aviation, computers, factory automation, metallurgical industries, microelectronics, scientific policy, and technology transfer. The report focuses primarily on France and the Federal Republic of Germany, but also covers important developments in Italy, the Netherlands, Sweden, and other West European countries.

USSR REPORT: CHEMISTRY

Absorption phenomena, aerosols, alkaloids, analytical, electro- and biochemistry, coal gasification, combustion and explosives, food technology, ion exchange, organometallic and organophosphorous compounds, pesticides, petroleum processing technology, radiation chemistry, industrial toxicology, and the chemical industry in general.

USSR REPORT: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY

Computer systems and components, including the development and production of hardware, software and firmware; administrative, industrial, scientific and engineering applications, economic benefits, sociopolitical implications; theoretical questions, conferences, organizations, publications, and personalities.

USSR REPORT: EARTH SCIENCES

Soviet research in the earth sciences, including meteorology, oceanology, and geophysics, and on current Arctic and Antarctic expeditions.

USSR REPORT: ELECTRONICS AND ELECTRICAL ENGINEERING

Electronic materials, components, and devices; circuit theory, pulse techniques, electromagnetic wave propagation, radar, quantum electronics, miniaturization techniques; electric power machinery, and power transmission.

USSR REPORT: ENGINEERING AND EQUIPMENT

Fluid mechanics, optics, high-energy devices, industrial technology, navigation and guidance systems, nonnuclear and nuclear energy, aeronautical and marine engineering, surface transportation, turbine and engine design, and testing and materials.

USSR REPORT: LIFE SCIENCES: BIOMEDICAL AND BEHAVIORAL SCIENCES

Biomedical and behavioral sciences, including advanced biological and medical technology, biochemistry, bionics, epidemiology, environment, immunology, industrial pollution and safety, medical demography, radiation effects, artificial intelligence, engineering psychology, ergonomics,

personnel psychology, physiological psychology, psychiatry, psychological testing, social psychology, systems analysis, and scientific policy and administration. Includes material on the effects of nonionizing electromagnetic radiation on organisms and biological tissues.

USSR REPORT: MATERIALS SCIENCE AND METALLURGY

Metals, alloys and superalloys, analysis and testing of metals and materials, coatings, composites, metal corrosion, extraction, refining and forming, instrumentation, lubricants, mechanical and physical properties of metals, powder metallurgy, textiles, welding practices, glass and ceramics, heat treatment, ferrous and nonferrous metallurgy, superhard metals, minerals, thermomechanical treatment, and related fields.

USSR REPORT: METEOROLOGY AND HYDROLOGY

Abstracts of all articles in the monthly organ of the Soviet Hydrometeorological Service, METEOROLOGIYA I GIDROLOGIYA, on microclimate, agricultural meteorology, weather forecasting and climate control, hydrological forecasting; and the activities, personnel and new publications of the Soviet Hydrometeorological Service.

USSR: PHYSICS AND MATHEMATICS

Acoustics, aerohydrodynamics, magnetohydrodynamics, thermodynamics, superconductivity, lasers, masers, physics of crystal and semiconductors, molecular, nuclear and plasma physics, optics, spectroscopy, physical measurements, applied mathematics, and research into various topics related to direct energy.

USSR REPORT: SCIENCE AND TECHNOLOGY POLICY

Organization and administration of Soviet science and technology, planning, allocation of funds and resources, management, training, introduction of new technology, and establishing economic effectiveness, international cooperation and regional cooperation and development.

USSR REPORT: SPACE

All aspects of the Soviet space program, including manned-mission highlights, space science, interplanetary research, space biology and medicine, space engineering, applications (satellite geodesy, meteorology, communications, remote sensing) and space science policy and administration.

USSR REPORT: SPACE BIOLOGY AND AEROSPACE MEDICINE

Cover to cover translation of KOSMICHESKAYA BIOLOGIYA I MEDITSINA, the organ of the USSR Ministry of Health. Articles concern the selection and training of cosmonauts; evaluation and analysis of accumulated data to facilitate the on-going transition from orbital to interplanetary flights;

research aimed at guaranteeing safety on long flights and reliability of the human component of the "man-spaceship" system; space psychology and physiology; environmental problems (spacecraft habitability, effects of radiation and weightlessness, etc.); and telemetry.